

REMARKS/ARGUMENTS

Status of Claims

Claims 1-42 are pending in this application. Claims 1, 7 and 18 are currently rejected. Claims 8-17 and 31-42 are allowed. Claims 2-6 and 19-30 are objected.

Formalities

Applicants respectfully request the Examiner to formally accept the drawings. Applicants thank the Examiner for previously acknowledging the priority documents.

Allowable Subject Matter

Applicants thanks the Examiner for indicating that claims 8-17 and 31-42 are allowed and claims 2-6 and 19-30 would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Rejection of claims 1, 7 and 18 are rejected under 35 USC § 102(e) as being anticipated by Shiu et al (6,624,767)

Applicants respectfully traverse this rejection. Shiu does not anticipate Applicants' claimed invention.

Regarding claims 1, 7 and 18, embodiments of the claimed invention describe memories consisted of three buffers and a read address generator. Particularly, the read address generator generates read addresses to read code symbols, which are stored in the buffers, according to the size of an encoder packet (EP).

Shiu merely discloses a number of memory banks and an address generator. Particularly, the memory banks require at least eight memory banks for a W-CDMA system. Also, there is no description of reading symbols according to the size of the EP.

Embodiments of the claimed invention describe a buffer structure for storing the symbols which are input to a turbo decoder. Shiu discloses that the data buffer structure can be operated to facilitate signal processing (see col 2, lines 29-32), but it does not disclose that the buffer structure can be applied to an input buffer of the turbo decoder. Embodiments of the claimed invention can utilize three input buffers in the turbo decoder. Shiu discloses that at least eight memory banks are required and Shiu fails to teach the three input buffers of the turbo decoders, as applied in embodiments of the claimed invention.


Accordingly, claims 1, 7 and 18 are allowable.

Conclusion

In view of the above, it is believed that the above-identified application is in condition for allowance, and notice to that effect is respectfully requested. Should the Examiner have any questions, the Examiner is encouraged to contact the undersigned at the telephone number indicated below.

Respectfully submitted,

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